



California
Environmental
Protection
Agency

Integrated
Waste
Management
Board

8800 Cal Center Dr.
Sacramento CA 95826
(916) 255-2200



Pete Wilson
Governor

James M. Strick
Secretary for
Environmental
Protection

INITIAL STUDY

AND

PROPOSED NEGATIVE DECLARATION

May 12, 1997

To: Interested Agencies

From: Jeannie Blakeslee
Permitting and Enforcement Division
California Integrated Waste Management Board (CIWMB)
8800 Cal Center Drive.
Sacramento, CA 95826

Subject: Initial Study (IS) and proposed Negative Declaration (ND) for the approval, adoption and implementation of regulations for the use of alternative daily cover at municipal solid waste landfills.

The California Integrated Waste Management Board (CIWMB) Permitting and Enforcement Division, acting as Lead Agency, has prepared an Initial Environmental Study and Checklist to: 1) identify potential environmental effects that might result from this proposed project; 2) determine whether any such impacts are significant; 3) ascertain whether significant impacts can be mitigated to a level of insignificance in compliance with the CEQA Statutes and Guidelines; and 4) determine whether to prepare a ND or Environmental Impact Report (EIR) for the proposed project.

This IS and proposed ND are being forwarded to responsible and interested agencies for review and comment in compliance with California Environmental Quality Act (CEQA) Guidelines, California Code of Regulations (CCR) Sections 15063(g) and 15071. Review and comments from interested agencies will be important in evaluating this proposed project and in assisting the Lead Agency in making environmental determinations. The Lead Agency is considering the adoption of the attached Negative Declaration for



Recycled Paper

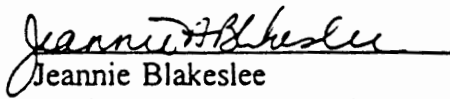
this proposed project on June 17, 1997; however, the final decision to adopt the ND or prepare and circulate an EIR will be made only after consultation with, and comments are received from, Responsible Agencies and other interested parties.

All written comments received by June 16, 1997, regarding this environmental review will be considered by the CIWMB prior to project approval, as required in CEQA Guidelines, CCR Section 15074(b).

Please submit your written comments to this office at the above address no later than May 16, 1997. Comments received after this date may not be considered by the CIWMB prior to project approval.

If there are any questions, please contact me at (916) 255-4708.

Sincerely,



Jeannie Blakeslee
Environmental Review Staff
Permits Branch
Permitting and Enforcement Division
CIWMB

Attachments

Environmental Checklist Form and Environmental Checklist Analysis

Notice of Completion

State Clearinghouse, 1400 Tenth Street, Sacramento, CA 95814 916/445-0613

See NOTY below

SCH #

Project Title: Negative Declaration for the Alternative Daily Cover Regulations

Lead Agency: California Integrated Waste Management Board

Contact Person: Jeannie Blakeslee

Street Address: 8800 Cal Center Dr. Phone: (916) 255-4708

City: Sacramento Zip: 95826 County: -

Project Location: Statewide

County: City/Nearest Community:

Cross Streets: Zip: Total Acres: APN:

Section: Twp: Range: Base:

Within 2 Miles: State Hwy #: Waterways: Airports:

Railways: Schools:

Document Type:

CEQA: ☐ NOP ☐ Supplemental/Subsequent
☐ Early Cons ☐ Neg Dec
☐ Draft EIR ☐ Final Document
☐ EIR (Prior SCH No.)
☐ Other

NEPA: ☐ NOI
☐ Joint Document
☐ Draft EIS ☐ EA
☐ Other
☐ FONSI

Local Action Type:

☐ General Plan Update ☐ Specific Plan ☐ Rezone ☐ Annexation
☐ General Plan Amendment ☐ Master Plan ☐ Redevelopment ☐ Prezone
☐ General Plan Element ☐ Planned Unit Development ☐ Coastal Permit ☐ Use Permit
☐ Community Plan ☐ Site Plan ☐ Land Div (Subdivision, ☐ Other Reqs

Development Type:

☐ Residential: Units Acres ☐ Water Facilities: Type MGD
☐ Office: Sq.Ft. Acres Employees ☐ Transportation: Type
☐ Commercial: Sq.Ft. Acres Employees ☐ Mining: Mineral
☐ Industrial: Sq.Ft. Acres Employees ☐ Power: Type Watts
☐ Educational ☐ Other:

Project Issues Discussed in Document:

☐ Aesthetic/Visual ☐ Flood Plain/Flooding ☐ Schools/Universities
☐ Water Quality ☐ Agricultural Land ☐ Forest Land/Fire Hazard
☐ Septic Systems ☐ Water Supply/Groundwater ☐ Air Quality
☐ Geologic/Seismic ☐ Sewer Capacity ☐ Wetland/Riparian
☐ Archeological/Historical ☐ Minerals ☐ Soil Erosion/Compaction/Grdng
☐ Wildlife ☐ Coastal Zone ☐ Noise
☐ Solid Waste ☐ Growth Inducing ☐ Drainage/Absorption
☐ Population/Housing Balance ☐ Toxic/Hazardous ☐ Land use
☐ Economic/Jobs ☐ Public Services/Facilities ☐ Traffic/Circulation
☐ Cumulative Effects ☐ Fiscal ☐ Recreation/Parks
☐ Vegetation ☐ Other

Present Land Use/Zoning/General Plan Use:

Project Description:

Adoption and Implementation of Alternative Daily Cover Regulations

Revised October 1989
GUIDELINES

145

Reviewing Agencies Checklist

Supplementary Document N

KEY

- S = Document sent by lead agency
- X = Document sent by SCH
- / = Suggested Distribution

Resource Agency

- ☐ Boating & Waterways
- ☐ Coastal Commission
- ☐ Coastal Conservancy
- ☐ Colorado River Board
- ☐ Conservation
- ☐ Fish & Game
- ☐ Forestry
- ☐ Office of Historic Preservation
- ☐ Parks & Recreation
- ☐ Reclamation
- ☐ S.F. Bay Conservation & Development Comm.
- ☐ Water Resources (DWR)

Cal-EPA

- ☐ Air Resources Board
- ☐ APCD/AQMD
- ☐ California Waste Management Board
- ☐ SWRCB: Clean Water Grants
- ☐ SWRCB: Delta Unit
- ☐ SWRCB: Water Quality
- ☐ SWRCB: Water Rights
- ☐ Regional WQCB # ()

Business, Transportation & Housing

- ☐ Aeronautics
- ☐ California Highway Patrol
- ☐ CALTRANS District #
- ☐ Department of Transportation Planning Hqs.
- ☐ Housing & Community Development
- ☐ Food & Agriculture

Youth & Adult Corrections Corrections

Independent Commissions & Offices

- ☐ Energy Commission
- ☐ Native American Heritage Commission
- ☐ Public Utilities Commission
- ☐ Santa Monica Mountains Conservatory
- ☐ State Lands Commission
- ☐ Tahoe Regional Planning Agency

Health & Welfare

- ☐ Health Services

State & Consumer Services

- ☐ General Services
- ☐ (Schools)

Other OLA

PUBLIC REVIEW PERIOD (To be filled in by lead agency)

Starting Date Ending Date
Signature Jeanette H. Steadman Date 5-12-97

Lead Agency Complete if Applicable

Consulting Firm: _____
Address: _____
City/State/Zip: _____
Contact: _____
Phone: () _____

For SCH Use Only:

Date Received at SCH _____
Date Review Starts _____
Date to Agencies _____
Clearance Date _____
Notes: _____

Applicant:

Address: _____
City/State _____

**NEGATIVE DECLARATION FOR THE ADOPTION AND IMPLEMENTATION
OF THE PROPOSED ALTERNATIVE DAILY COVER REGULATIONS**

1. Lead Agency

California Integrated Waste Management Board
8800 Cal Center Drive
Sacramento, CA 95826

Contact: Jeannie Blakeslee (916) 255-4708

2. Project Location

Upon adoption by California Integrated Waste Management Board (CIWMB), the provisions and conditions of these regulations would be applicable throughout the state.

3. Project Description

CIWMB proposes to adopt and implement the requirements governing daily cover and alternative daily cover (ADC), which are currently contained in sections 17258.21, 17682, 17683, and 17684 of Title 14, California Code of Regulations (CCR). As part of the implementation of Chapter 656, Statutes of 1993 (AB 1220, Eastin), these regulations will be contained in 27 CCR, Division 2, Subdivision 1, Chapter 3, Suchapter 4, Sections 20680, 20690, 20695, and 20700. Additionally, portions of 14 CCR Sections 18808, 18809, 18810, 18812 and 18813 have been clarified.

This negative declaration does not address the potential for site-specific environmental impacts associated with the proposed use of ADC, nor does it exempt an individual from the requirement to provide information as may be necessary for any other governmental agency to comply with CEQA. Wastes diverted and being used as ADC are limited those which are incorporated as accepted wastes identified in an existing Solid Waste Facilities Permit. This negative declaration does not include analysis for potential impacts associated with preparation of wastes to be used ADC, such as chipping or grinding.

A project is the "whole of an action that has the potential for resulting in physical environmental change, directly or ultimately". [CEQA Guidelines Section 15378 (a)]. Additionally, a project refers to "the underlying activity being approved by one or more agencies, not the government approvals." [CEQA Guidelines Section 15378 (c)]. Adoption and implementation of these regulations will not have a significant impact on the physical environment, provided that the conditions set forth in these regulations are complied with.

4. Findings of Significant Effect on the Environment

Based upon the attached Environmental Checklist, CIWMB finds that as long as the minimum standards set forth in these regulations are complied with, and that all applicable laws

and local and other state regulations are complied with, the adoption and implementation of these regulations will not result in significant effect on the environment, as that term is defined in PRC section 21068.

5. **Project Background**

Alternative daily cover (ADC) is an emerging technology for solid waste landfills with potential for significant benefits. Use of ADC can conserve municipal solid waste landfill capacity, reduce operating costs, and provide markets for recycling of waste derived materials.

Chapter 978 of the Statutes of 1996 (AB 1647, Bustamante) clarifies legislative intent, now codified in Public Resources Code (PRC) section 41781, that the use of waste derived alternative daily cover constitutes diversion through recycling. PRC section 41781.3 requires CIWMB to adopt regulations for the use of ADC by December 31, 1997.

To establish a process for approval of ADC to ensure that the regulatory standards are met, CIWMB adopted a policy, "Procedural Guidance for the Evaluation of Alternative Covers" on May 17, 1990. This policy established CIWMB approval procedures in coordination with Solid Waste Local Enforcement Agencies (LEAs) of ADC through landfill site specific demonstration projects. These demonstration projects were required to determine that ADC would function as a barrier to emergence of vectors, progression of landfill fires within a landfill, escape of odor, and excess infiltration. If the owner or operator demonstrates that ADC is an appropriate cover material and that there is no threat to public health and the environment, approval is granted via CIWMB concurrence.

Approximately one hundred eleven site specific projects have been successfully conducted at approximately eighty two landfills in California. This list is attached. The most common ADC materials used include geosynthetic blankets and shredded green material or green waste. Other commonly used materials/wastes include foam products, sludge, ash, and auto shredder waste. LEAs and landfill operators have determined that site specific demonstration projects are no longer necessary to establish suitability of successfully test ADC materials. The proposed regulations utilize the results of the ADC demonstration project program adopted by CIWMB in 1990 ("Procedural Guidance for the Evaluation of Alternative Daily Covers") as a basis for minimum standards to protect public health and safety and the environment, and replace site specific demonstration projects for specified materials and operating procedures.

6. **Local Government Responsibility**
It is the responsibility of a local government with general permitting authority to ensure that solid waste is disposed of and appropriately covered at a permitted facility.
7. **Reasonable Alternatives to the Proposed Project**
CIWMB has considered alternatives to the proposed project, including a "no action" alternative. It has been determined that: no other alternative would be as effective and less burdensome to private persons while at the same time protecting human health, worker safety and the environment, and AB 1647 requires CIWMB to adopt regulations by December 31, 1997.
8. **Other Public Agencies Whose Approval is Required**
None.
9. **Discussion of Environmental Evaluation**
The intent of these CIWMB-promulgated regulations is to allow waste diversion through recycling of waste-derived materials for use as ADC, while protecting the environment and minimizing any health and safety impacts associated with disposal of solid waste. There are 111 projects currently using ADC, and there has been an ongoing program for evaluating diverted wastes for use as ADC since 1990. Further, section 20680(c)(3) of the proposed regulations states that if the application of ADC becomes impracticable or contributes to conditions potentially hazardous to public health or the environment, an owner or operator is required to terminate use of ADC and revert to the use of compacted earthen material. As long as the requirements contained in these regulations, and any other local, state or federal regulations are fully complied with, adoption, implementation and subsequent compliance with these regulations will not have an significant adverse environmental impact, or adversely impact human health. Therefore, all sections in the Initial Study Environmental Checklist indicate "No Impact".

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | |
|--|--|
| <input type="checkbox"/> Land Use and Planning | <input type="checkbox"/> Transportation/Circulation |
| <input type="checkbox"/> Public Services | <input type="checkbox"/> Population and Housing |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Utilities and Service Systems |
| <input type="checkbox"/> Geological Problems | <input type="checkbox"/> Energy and Mineral Resources |
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Water |
| <input type="checkbox"/> Hazards | <input type="checkbox"/> Cultural Resources |
| <input type="checkbox"/> Air Quality | <input type="checkbox"/> Noise |
| <input type="checkbox"/> Recreation | <input type="checkbox"/> Mandatory Findings of
Significance |

ENVIRONMENTAL CHECKLIST FORM

DETERMINATION (To be completed by the Lead Agency)

the basis of this initial evaluation:

I find that the proposed project COULD NOT have a significant effect on the environment and a NEGATIVE DECLARATION will be prepared. ☒

I find that although the proposed project could have a significant effect(s) on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared. ☐

I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required. ☐

I find that the proposed project MAY have a significant effect(s) on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effect that remain to be addressed. ☐

I find that although the proposed project could have a significant effect on the environment, there WILL NOT be a significant effect in this case because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project. ☐

Jeannie H. Blakeslee
Signature

5-12-97
Date

Jeannie H. Blakeslee
Printed Name

CIWMB
For

ENVIRONMENTAL CHECKLIST FORM

EVALUATION OF ENVIRONMENTAL IMPACTS

- 1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a Lead Agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g. the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g. the project will not expose sensitive receptors to pollutants, based on project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project level, indirect as well as direct, and construction as well as operational impacts.
- 3) "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect is significant if there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4) "Potentially Significant Unless Mitigation Incorporated" where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The Lead Agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analysis," may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately addressed in an earlier EIR or Negative Declaration. [Section 15063 (c) (3) (D), pending approval]
- 6) Lead Agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g. general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated. See the sample question below. A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 7) This is only a suggested form, and Lead Agencies are free to use different ones.

Issues

(and Supporting Information Sources)

SAMPLE QUESTION: Would the proposal result in potential impacts involving:

Landslides or mudslides? (1,6)

☐ ☐ ☐ ☐

(Attached source explains that 1 is the General Plan, and 6 is a USGS topo map, This answer would probably not need further explanation.)

CHECKLIST (see numbered References in the Environmental Checklist Analysis)

I. LAND USE AND PLANNING. Would the proposal:

- | | | | | | |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Conflict with general plan designation or zoning? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Conflict with applicable environmental plans or policies adopted by agencies with jurisdiction over the project? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) | Be incompatible with existing land use in the vicinity? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) | Affect agricultural resources or operations (e.g. impacts to soils or farmlands, or impacts from incompatible land uses)? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) | Disrupt or divide the physical arrangement of an established community (including a low-income or minority community)? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Potentially Significant Impact	Potentially Significant unless Mitigated	Less Than Significant Impact	No Impact
--------------------------------------	---	------------------------------------	--------------

II. POPULATION AND HOUSING. Would the proposal:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Cumulatively exceed official regional or local population projections? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Induce substantial growth in an area, either directly or indirectly? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Displace existing housing, especially affordable housing? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

III. GEOLOGIC PROBLEMS. Would the proposal result in or expose people to potential impacts involving:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Fault rupture? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Seismic ground shaking? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Seismic ground failure, including liquefaction? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Seiche, tsunami, or volcanic hazard? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Landslides or mudflows? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) Erosion, changes in topography or unstable soil conditions from excavation, grading or fill? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) Subsidence of the land? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| h) Expansive soils? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| i) Unique geologic or physical features? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

7. WATER. Would the proposal result in:

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Changes in absorption rates, drainage patterns, or the rate and amount of surface runoff? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Exposure of people or property to water related hazards such as flooding? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Discharge into surface waters or other alteration of surface water quality (e.g. temperature, dissolved oxygen or turbidity)? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Altered direction or rate of flow of groundwater? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Changes in currents, or the course or direction of water movements? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) Change in the quantity of groundwater, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations or through substantial loss of groundwater recharge capability? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) Altered direction or rate of flow of groundwater? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| h) Impacts to groundwater quality? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| i) Substantial reduction of groundwater otherwise available for public water supplies? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

	Potentially Significant Impact	Potentially Significant unless Mitigated	Less Than Significant Impact	No Impact
V. AIR QUALITY. Would the proposal:				
a) Violate any air quality standard or contribute to an existing or projected air quality violation? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Expose sensitive receptors to pollutants? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Alter air movement, moisture, or temperature or cause any change in climate? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create objectionable odors? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VI. TRANSPORTATION/CIRCULATION. would the proposal result in:				
a) Increased vehicle trips or traffic congestion? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Hazards to safety from design features (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Inadequate emergency access or access to nearby uses? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Insufficient parking capacity on-site or off-site? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Hazards or barriers for pedestrians or bicyclists? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflicts with adopted policies supporting alternative transportation (e.g. bus turnouts, bicycle racks)? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Rail, waterborne or air traffic impacts? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Potentially
Significant
Impact

Potentially
Significant
unless
Mitigated

Less Than
Significant
Impact

No
Impact

II. BIOLOGICAL RESOURCES. Would the proposal result in impacts to:

- | | | | | | |
|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Endangered, threatened or rare species or their habitats (including but not limited to plants, fish, insects, animals, and birds)? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Locally designated species (e.g. heritage trees)? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) | Locally designated natural communities (e.g. oak forest, coastal habitat, etc.)? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) | Woodland habitat (e.g. marsh, riparian and vernal pool)? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) | Wildlife dispersion or migration corridors? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

VIII. ENERGY AND MINERAL RESOURCES.

Would the proposal:

- | | | | | | |
|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Conflict with adopted energy conservation plans? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Use non-renewable resources in a wasteful and inefficient manner? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) | Result in the loss of availability of a known mineral resource that would be of future value to the region and the residents of the State? () | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

	Potentially Significant Impact	Potentially Significant unless Mitigated	Less Than Significant Impact	No Impact
IX. HAZARDS. Would the proposal involve:				
a) A risk of accidental explosion or release of hazardous substances (including, but not limited: oil, pesticides, chemicals or radiation? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Possible interference with an emergency response plan or emergency evacuation plan? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) The creation of an health hazard or potential health hazard? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Exposure of people to existing sources of potential health hazards? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Increased fire hazard in areas with flammable brush, grass, or trees? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
X. NOISE. Would the proposal result in:				
a) Increases in existing noise levels? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Exposure of people to severe noise levels? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XI. PUBLIC SERVICES. would the proposal have an effect upon, or result in a need for new or altered government services in any of the following area:				
a) Fire protection? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Police protection? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Schools? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Maintenance of public facilities, including roads? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XI. PUBLIC SERVICE. (continued)

- e) Other governmental services?
()

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--------------------------	--------------------------	--------------------------	-------------------------------------

XII. UTILITIES AND SERVICE SYSTEMS.

Would the proposal result in a need for new systems or supplies, or substantial alterations to the following utilities:

- a) Power or natural gas? ()
b) Communication systems?
()
c) Local or regional water treatment or distribution facilities? ()
d) Sewer or septic tanks?
()
e) Storm water drainage? ()
f) Solid waste disposal? ()
g) Local or regional water supplies? ()

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XIII. AESTHETICS. Would the proposal:

- a) Affect a scenic vista or scenic highway? ()
b) Have a demonstrable negative aesthetic effect? ()
c) Create light or glare?
()

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XIV. CULTURAL RESOURCES. Would the Proposal:

- a) Disturb paleontological resources? ()
b) Disturb archaeological resources? ()

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Potentially Significant unless Mitigated	Less Than Significant Impact	No Impact
XIV. CULTURAL RESOURCES. (continued)				
c) Affect historical resources? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Have the potential to cause a physical change which would affect unique ethnic cultural values? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Restrict existing religious or sacred uses within the potential impact area? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XV. RECREATION. Would the proposal:				
a) Increase the demand for neighborhood or regional parks or other recreational facilities? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Affect existing recreational opportunities? ()	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XVI. MANDATORY FINDINGS OF SIGNIFICANCE				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project have the potential to achieve short- term, to the disadvantage of long-term environmental goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XVI. MANDATORY FINDINGS OF SIGNIFICANCE (continued)

- | | | | | | |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| c) | Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects). | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) | Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

VII. EARLIER ANALYSES.

Earlier Analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, one or more effects have been adequately analyzed in an earlier EIR or Negative Declaration. Section 15063(c)(3)(D). In this case a discussion should identify the following on attached sheets:

- Earlier analyses used. Identify earlier analyses and state where they are available for review.
- Impacts adequately addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on an earlier analysis.
- Mitigation measures. For effects that are "Less than Significant with Mitigation Incorporated", describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

Authority: Public Resources Code Sections 21083 and 21087. Reference: Public Resources Code Sections 21080(c), 21080.1, 21080.3, 21082.1, 21083, 21083.3, 21093, 21094, 21151; *Sundstrom v. County of Mendocino*, 202 Cal. App. 3d 296 (1988); *Leonoff v. Monterey Board of Supervisors*, 222 Cal. App. 3d 1337 (1990)